

# 2012 KENTUCKY ASTHMA PROGRAM FACT SHEET: FIVCO AREA DEVELOPMENT DISTRICT

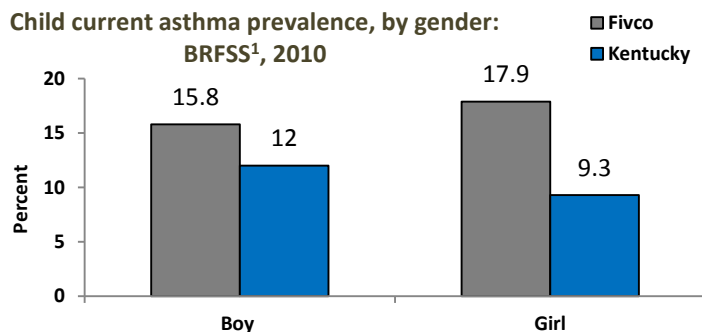
- The FIVCO District of Kentucky is comprised of 5 counties: Greenup, Boyd, Carter, Elliott, and Lawrence.
- The 2011 FIVCO District population was roughly 137,700. About 30,300 persons were younger than 18 (children), and about 107,300 were 18 or older (adults).



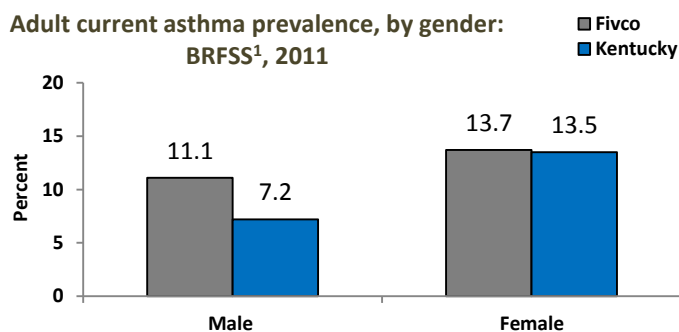
## PREVALENCE

- In 2010, an estimated 4,900 children (16.9%) in the FIVCO District currently had asthma, compared to 10.7% for Kentucky and 8.4% for the United States.<sup>1</sup> In 2011, an estimated 13,500 adults (12.4%) in the FIVCO District currently had asthma, compared to 10.4% for Kentucky and 9.1% for the United States.<sup>2</sup>

Child current asthma prevalence, by gender:



Adult current asthma prevalence, by gender:

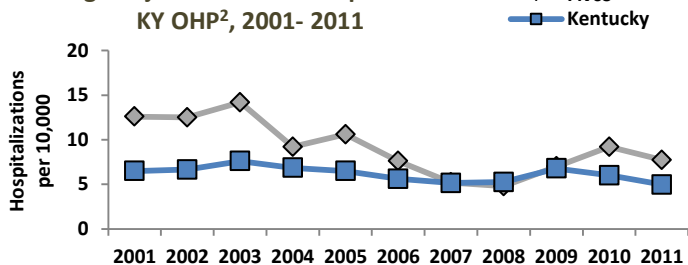


- In 2010, child current asthma prevalence rate was higher for both boys and girls in the FIVCO district compared to the state. In 2011, both males and females had higher current asthma prevalence rate in this district compared to the state. (NOTE: BRFSS 2010 data cannot be compared to BRFSS 2011 data because of change in methodology).

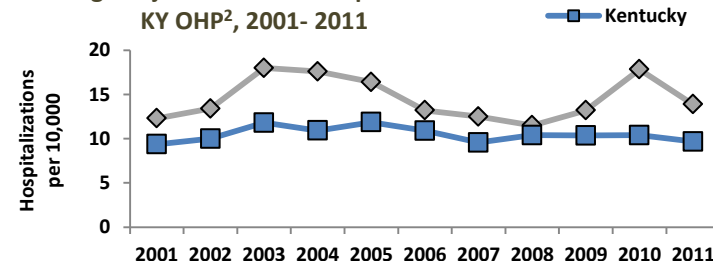
## HOSPITALIZATIONS

- In 2011, the age-adjusted hospitalization rate for children was 7.7/10,000 persons compared to the Kentucky rate of 4.9/10,000 persons; while the age-adjusted hospitalization rate for adults was 13.9/10,000 persons compared to the Kentucky rate of 9.7/10,000 persons.

Child age-adjusted asthma hospitalizations:



Adult age-adjusted asthma hospitalizations:



- In 2011, both child and asthma hospitalization were higher in FIVCO District compared to Kentucky. Between 2001 and 2011, the FIVCO District averaged 11.8 asthma hospitalizations/10,000 persons/year, while Kentucky averaged 8.3 asthma hospitalizations/10,000 persons/year over the same 11 year period.<sup>2</sup>

## EMERGENCY DEPARTMENT VISITS

- In 2011, the asthma Emergency Department (ED) visits for children were 1.2/1,000 persons, compared to the state rate of 1.9/1,000 persons<sup>3</sup> and for adults were 2.7/1,000 persons compared to the state rate of 2.5/1,000 persons.<sup>3</sup>

## MORTALITY

- Between 2001 and 2010, the average age-adjusted asthma deaths were 1.28/100,000 persons/year in this district compared to 1.10/100,000 persons/year for Kentucky.<sup>4</sup> In 2010, crude asthma death rates for Kentucky were 1.01/100,000 persons<sup>4</sup> compared to the US crude death rate of 1.1/100,000 persons.<sup>5</sup>

### NOTES:

1. Behavioral Risk Factor Surveillance System (BRFSS).

3. OHP: Preliminary data 2011.

5. CDC Wonder data: <http://wonder.cdc.gov/ucd-icd10.html>

2. Kentucky, Office of Health Policy (OHP), 2001-2011.

4. Office of Vital Statistics, Kentucky, 2001-2010.

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